

COC#122

1720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
9405 S.W. Nimbus Avenue, Beaverton, OR 97008-7132
20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711

(425) 420-9200 420-9210
(509) 924-9200 924-9290
(503) 906-9200 FAX 906-9210
(541) 383-9310 FAX 382-7588

CHAIN OF CUSTODY REPORT

Work Order #: M106086

CLIENT: BRISTOL		INVOICE TO: BRISTOL										TURNAROUND REQUEST in Business Days* Organic & Inorganic Analyses <div style="display: flex; justify-content: space-around;"> 10754321<1 </div> STD. Petroleum Hydrocarbon Analyses <div style="display: flex; justify-content: space-around;"> 54321<1 </div> STD. OTHER Please Specify _____ <small>*Turnaround Requests less than standard may incur Rush Charges.</small>							
REPORT TO: ANNE KRANAWETTER		P.O. NUMBER: 21090																	
ADDRESS: AMCHITKA ISLAND, AK																			
PHONE: 907-770-0974 FAX: 770-0975																			
PROJECT NAME: AMCHITKA		REQUESTED ANALYSES																	
PROJECT NUMBER: 21090																			
SAMPLED BY: Anne Jordan																			
CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	HCL														MATRIX (W, S, O)	# OF CONT.	COMMENTS	NCA WO ID
1. OIAMB970SL	6/27/01 1805	✓														S	1		
2. OIAMB971SL	6/27/01 1810	✓														S	1		
3. OIAMB972SL	6/27/01 1815	✓														S	1		
4. OIAMB973SL	6/27/01 1840	✓														S	1		
5. OIAMB974SL	6/27/01 1842	✓														S	1		
6.																			
7.																			
8.																			
9.																			
10.																			
11.																			
12.																			
13.																			
14.																			
15.																			
RELINQUISHED BY: Anne Kranawetter		DATE: 6/28/01					RECEIVED BY: Tim McKeown					DATE: 6/28/01							
PRINT NAME: Anne Kranawetter		FIRM: BRISTOL					PRINT NAME: Tim McKeown					FIRM: NCA							
RELINQUISHED BY:		DATE:					RECEIVED BY:					DATE:							
PRINT NAME:		FIRM:					PRINT NAME:					FIRM:							
ADDITIONAL REMARKS:																			
COC REV 3/99		B9 AGT HCLIS Post Hot Spot Excavation																	
		TEMP: 5.1 PAGE 1 OF 1																	



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-9223
425.420.9200 fax 425.420.9210
Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
509.924.9200 fax 509.924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
503.906.9200 fax 503.906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
541.383.9310 fax 541.382.7588

6 December, 2001

Anne Kranawetter
Bristol Environmental & Engineering
2000 W International Airport C#1
Anchorage, AK 99502-1116

RE: Amchitka

Enclosed are the results of analyses for samples received by the laboratory on 06/28/01 07:53. If you have any questions concerning this report, please feel free to contact me.

This report was recreated from a previously issued final report in order to provide an electronic copy. The final report used for these electronic copies may have been previously issued as an amended report due to client requested changes to sample names, etc. No data has changed since submission of the previously issued final, or amended, report.

Sincerely,

Stephen Wilson
Environmental Group Leader

Work Orders included in this report:

M106086



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Bristol Environmental & Engineering
2000 W International Airport C#1
Anchorage, AK 99502-1116

Project: Amchitka
Project Number: 21090
Project Manager: Anne Kranawetter

Reported:
06/29/01 18:01

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
01AMB970SL	M106086-01	Soil	06/27/01 18:05	06/28/01 07:53
01AMB971SL	M106086-02	Soil	06/27/01 18:10	06/28/01 07:53
01AMB972SL	M106086-03	Soil	06/27/01 18:15	06/28/01 07:53
01AMB973SL	M106086-04	Soil	06/27/01 18:40	06/28/01 07:53
01AMB974SL	M106086-05	Soil	06/27/01 18:42	06/28/01 07:53

C.O.C. # 122

North Creek Analytical - Mobile Lab

Stephen Wilson, Environmental Group Leader

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

North Creek Analytical, Inc.
Environmental Laboratory Network

1 of 4



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Project: Amchitka
Project Number: 21090
Project Manager: Anne Kranawetter

Reported:
06/29/01 18:01

Hydrocarbon Identification per NW-TPH Methodology North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
01AMB970SL (M106086-01) Soil						Sampled: 06/27/01 Received: 06/28/01			
Gasoline Range Hydrocarbons	13.5	10.3	mg/kg	1	NWTPH HCID	06/29/01	06/29/01	0106101	
Diesel Range Hydrocarbons	29.4	25.7	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	ND	51.5	"	"	"	"	"	"	
Surr: 1-Chlorooctadecane	107 %	50-150							
01AMB971SL (M106086-02) Soil						Sampled: 06/27/01 Received: 06/28/01			
Gasoline Range Hydrocarbons	97.9	10.5	mg/kg	1	NWTPH HCID	06/29/01	06/29/01	0106101	D-14
Diesel Range Hydrocarbons	116	26.2	"	"	"	"	"	"	D-14
Heavy Oil Range Hydrocarbons	ND	52.4	"	"	"	"	"	"	
Surr: 1-Chlorooctadecane	109 %	50-150							
01AMB972SL (M106086-03) Soil						Sampled: 06/27/01 Received: 06/28/01			
Gasoline Range Hydrocarbons	11.0	9.94	mg/kg	1	NWTPH HCID	06/29/01	06/29/01	0106101	
Diesel Range Hydrocarbons	ND	24.9	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	ND	49.7	"	"	"	"	"	"	
Surr: 1-Chlorooctadecane	92.3 %	50-150							
01AMB973SL (M106086-04) Soil						Sampled: 06/27/01 Received: 06/28/01			
Gasoline Range Hydrocarbons	ND	9.79	mg/kg	1	NWTPH HCID	06/29/01	06/29/01	0106101	
Diesel Range Hydrocarbons	32.2	24.5	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	ND	49.0	"	"	"	"	"	"	
Surr: 1-Chlorooctadecane	116 %	50-150							
01AMB974SL (M106086-05) Soil						Sampled: 06/27/01 Received: 06/28/01			
Gasoline Range Hydrocarbons	506	10.4	mg/kg	1	NWTPH HCID	06/29/01	06/29/01	0106101	D-10
Diesel Range Hydrocarbons	1720	25.9	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	ND	51.8	"	"	"	"	"	"	
Surr: 1-Chlorooctadecane	111 %	50-150							

North Creek Analytical - Mobile Lab

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Reported:
06/29/01 18:01

Hydrocarbon Identification per NW-TPH Methodology - Quality Control

North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 0106101 - TPH-HCID (WA)

Blank (0106101-BLK1)

Prepared & Analyzed: 06/29/01

Gasoline Range Hydrocarbons	ND	10.0	mg/kg						
Diesel Range Hydrocarbons	ND	25.0	"						
Heavy Oil Range Hydrocarbons	ND	50.0	"						
<i>Surr: 1-Chlorooctadecane</i>	<i>9.20</i>		<i>"</i>	<i>10.0</i>		<i>92.0</i>	<i>50-150</i>		

North Creek Analytical - Mobile Lab

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Reported:
06/29/01 18:01

Notes and Definitions

D-10 Detected hydrocarbons in the gasoline range appear to be due to overlap of diesel range hydrocarbons.

D-14 Hydrocarbon pattern and range are consistent with weathered gas range organics.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis. MRLs are adjusted if %Solids are less than 50%.

wet Sample results reported on a wet weight basis (as received)

RPD Relative Percent Difference

North Creek Analytical - Mobile Lab

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Environmental Laboratory Network

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Items for Project Manager Review

LabNumber	Analysis	Analyte	Exception
			Report recreated from: \\sisters\elmnt\Report\M106086 FINAL 06 29 01 1801.mdb Default Report (not modified)
M106086-02	NW-HCID mod	Gasoline Range Hydrocarbons	D-14
M106086-02	NW-HCID mod	Diesel Range Hydrocarbons	D-14
M106086-05	NW-HCID mod	Gasoline Range Hydrocarbons	D-10